## AMENDMENTS TO THE CLAIMS

Docket No.: 0760-0353PUS1

(Previously Presented) A black composition comprising as indispensable components a
titanium nitride oxide, a resin and a solvent; wherein X-ray intensity ratios R<sub>1</sub> and R<sub>2</sub> represented
by the Equations (1) and (2) below, respectively, satisfy the relationships represented by
 Formulae (3) and (4) below:

$R_1=I_3/\{I_3+1.8(I_1+1.8I_2)\}$	(1)
$R_2 = I_2/I_1$	(2)
$R_1 > 0.70$	(3)
0.85 < R <sub>0</sub> < 1.80	(4)

wherein  $I_1$  represents the maximum diffraction intensity of the titanium nitride oxide when the angle of diffraction  $2\theta$ , determined by using CuK $\alpha$  line as the X-ray source, is  $25^{\circ}$  to  $26^{\circ}$ ,  $I_2$  represents the maximum diffraction intensity of the titanium nitride oxide when the angle of diffraction  $2\theta$  is  $27^{\circ}$  to  $28^{\circ}$ ,  $I_3$  represents the maximum diffraction intensity of the titanium nitride oxide when the angle of diffraction  $2\theta$  is  $36^{\circ}$  to  $38^{\circ}$ , and wherein a black coating film obtained from said black composition has an optical density (OD value) of not less than 4.4 per 1  $\mu$ m of film thickness, and wherein the minimum exposure energy required for photo-curing is not more than 60 mJ/cm $^2$ .

- 2. (Original) The black composition according to claim 1, wherein said X-ray intensity ratio  $R_1$  is not less than 0.80.
- (Previously Presented) The black composition according to claim 1, wherein said solvent has a boiling point of 120°C to 180°C, and a viscosity of 3 mPa·s to 10 mPa·s.
- 4. (Previously Presented) The black composition according to claim 1, wherein said resin is at least one selected from the group consisting of an acrylic resin and a polyimide resin.

(Previously Presented) The black composition according to claim 1, further comprising an organosilane hydrolysis condensate.

- 6. (Previously Presented) The black composition according to claim 1, further comprising a compound having a siloxane bond and a carbon-carbon double bond in a single molecule and having no silanol group.
- 7. (Previously Presented) The black composition according to claim 6, wherein said compound having a siloxane bond and a carbon-carbon double bond in a single molecule and having no silanol group has the structure represented by the following Formula (7):

$$\begin{array}{c} R^{1} \\ CH_{2} = C \\ R^{2} + \begin{pmatrix} R^{3} \\ I \\ SI - O \\ SI - R^{2} \end{pmatrix} \begin{pmatrix} R^{5} \\ C = CH_{2} \\ SI - R^{2} \\ C = CH_{2} \\ R^{6} \\ C = CH_{2} \\ R^{1} \end{array}$$

$$(7)$$

wherein each  $R^1$  independently represents hydrogen or alkyl group; each  $R^2$  independently represents an organic group containing amide bond, imide bond, ester bond or urethane bond;  $R^3$  to  $R^6$  independently represent alkyl group; and n represents an integer of 1 to 3.

- 8. (Previously Presented) The black composition according to claim 1, wherein the weight ratio of said titanium nitride oxide to said resin is within the range between 75/25 and 60/40.
- (Previously Presented) The black composition according to claim 1, further comprising carbon black.
- 10. (Cancelled).

11. (Previously Presented) A black composition comprising as indispensable components a titanium nitride oxide and a resin; wherein X-ray intensity ratios R<sub>1</sub> and R<sub>2</sub> represented by the Equations (1) and (2) below, respectively, satisfy the relationships represented by Formulae (3) and (4) below:

$$R_1 = I_3 / \{I_3 + 1.8(I_1 + 1.8I_2)\}$$
 (1)

$$R_2 = I_2/I_1$$
 (2)

$$R_1 > 0.70$$
 (3)

$$0.85 < R_2 < 1.80 \tag{4}$$

wherein  $I_1$  represents the maximum diffraction intensity of the titanium nitride oxide when the angle of diffraction  $2\theta$ , determined by using  $CuK\alpha$  line as the X-ray source, is  $25^{\circ}$  to  $26^{\circ}$ ,  $I_2$  represents the maximum diffraction intensity of the titanium nitride oxide when the angle of diffraction  $2\theta$  is  $27^{\circ}$  to  $28^{\circ}$ ,  $I_3$  represents the maximum diffraction intensity of the titanium nitride oxide when the angle of diffraction  $2\theta$  is  $36^{\circ}$  to  $38^{\circ}$ ; and wherein the transmittance of irray when the optical density (OD value) is 2.0 is more than 0.2%.

- 12. (Original) The black coating composition according to claim 11, wherein said X-ray intensity ratio R, is not less than 0.80.
- 13. (Previously Presented) The black coating composition according to claim 11, wherein said resin is at least one selected from the group consisting of an acrylic resin and a polyimide resin.
- 14. (Previously Presented) The black coating composition according to claim 11, wherein the weight ratio of said titanium nitride oxide to said resin is within the range between 75/25 and 60/40.
- 15. (Previously Presented) The black coating composition according to claim 11, which has an optical density (OD value) of not less than 4.4 per 1 μm of film thickness.

16. (Cancelled).

17. (Previously Presented) The black coating composition according to claim 11, further comprising a compound having a siloxane bond and a carbon-carbon double bond in a single molecule and having no silanol group.

18. (Previously Presented) The black coating composition according to claim 17, wherein said compound having a siloxane bond and a carbon-carbon double bond in a single molecule and having no silanol group has the structure represented by the following Formula (7):

$$\begin{array}{c} R^{1} \\ CH_{2} = C \\ R^{2} + S_{i} = O \\ CH_{2} = C \\ R^{4} + S_{i} = O \\ R^{6} + C = CH_{2} \\ R^{6} + C = CH_{2} \\ R^{1} \\ R^{1} \end{array}$$

$$(7)$$

wherein each  $R^1$  independently represents hydrogen or alkyl group; each  $R^2$  independently represents an organic group containing amide bond, imide bond, ester bond or urethane bond;  $R^3$  to  $R^6$  independently represent alkyl group; and n represents an integer of 1 to 3.

- 19. (Previously Presented) The black coating composition according to claim 11, further comprising carbon black.
- 20. (Previously Presented) A resin black matrix obtained from said black coating composition according to claim 11.
- 21. (Original) A color filter for liquid crystal displays, which color filter comprises said resin black matrix according to claim 20.

5 ADM//mao

22. (Original) A liquid crystal display comprising said color filter for liquid crystal displays, according to claim 21.

- 23. (New) A resin black matrix obtained by exposing and developing a black coating film obtained by coating said black composition according to claim 1 on a substrate.
- 24. (New) A color filter for liquid crystal displays, which color filter comprises said resin black matrix according to claim 23.
- 25. (New) A liquid crystal display comprising said color filter for liquid crystal displays, according to claim 24.

6 ADM//mao